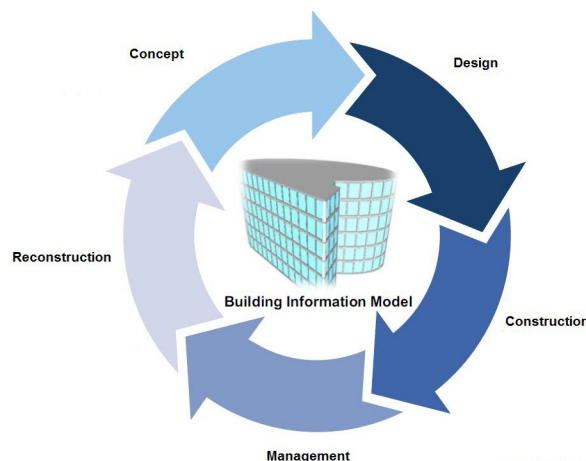


Building Information Modeling at CRC

Building Information Modeling at CRC

Using the method Building Information Modeling (BIM), a cooperative approach is implemented based on a digital building model. The integral consideration of the entire lifecycle of a building is essential.

Lifecycle of a building



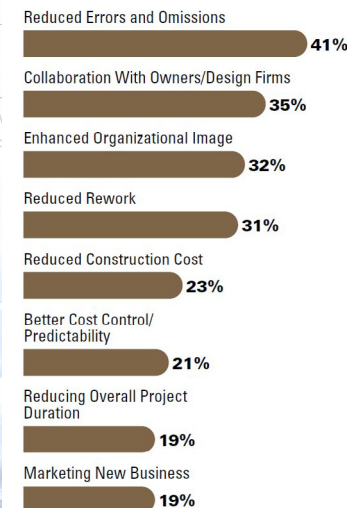
The planning and construction occurs under many different participants and turns out to be a complex process. For the success of a construction project a continuous coordination of the participants with an intensive exchange of information is very important. Building Information Modeling supports

these aspects. The digital building model is used over the whole lifecycle of a building from conceptual design and detailed design to the construction and management of the building. The Model is also utilized for potential reconstructions.

Company-internal collaboration between architects and disciplines of Technical Service Engineering (HVAC/MEP) at CRC

The CRC Clean Room Consulting GmbH has many years of experience in complex project management, among others also as Comprehensive Consulting and Design. Due to the internal company structure, which in addition to the architecture also includes the Technical Service Engineering (HVAC / MEP), the cooperation between participants is always optimized. This concerns both the consistent data collection and processing, as well as transparent communication. The workflows at CRC are supported by latest software tools. Complex buildings are planned with the application of three-dimensional, intelligent models. In the future, we provide this existing framework also in relation to Building Information Modeling.

The implementation of BIM with cooperative workflows offers many advantages for the project:



Percentage of contractors citing BIM benefits as one of the top three for their organization.

Quelle: Dodge Data & Analytics

Further market analyses of Building Information Modeling can be found at the following link: <https://analyticsstore.construction.com/smartmarket-reports/GlobalBIMSMR14.html>

CRC is dealing intensively with the topic BIM and executes corresponding pilot projects. The future-oriented development of the company also offers you the opportunity to gain experience in BIM and to profit from the potential in cooperation with CRC.